



TRUDELL CONSULTING ENGINEERS 478 BLAIR PARK ROAD | WILLISTON, VERMONT 05495 802 879 6331 | WWW.TCEVT.COM

Date By

No. Description

Use of These Drawings 1. Unless otherwise noted, these Drawings are intended for preliminary planning, coordination with other disciplines or utilities, and/or approval from the regulatory authorities.

They are not intended as construction drawings unless noted

2. Only drawings specifically marked "For Construction" are intended to be used in conjunction with contract documents, specifications, owner/contractor agreements and to be fully coordinated with other disciplines, including but not limited to, the Architect, if applicable. These Drawings shall not be used for construction layout. Contact TCE for any construction surveying services or to obtain

3. These Drawings are specific to the Project and are not transferable. As instruments of service, these drawings, and copies thereof, furnished by TCE are its exclusive property. Changes to the drawings may only be made by TCE. If errors or omissions are discovered, they shall be brought to the attention of TCE immediately.

4. By use of these drawings for construction of the Project, the Owner represents that they have reviewed, approved, and accepted the drawings and have met with all applicable parties/disciplines to insure these plans are Owner and Architect, are responsible for any buildings shown, including an area measured a minimum five (5) feet around any building.

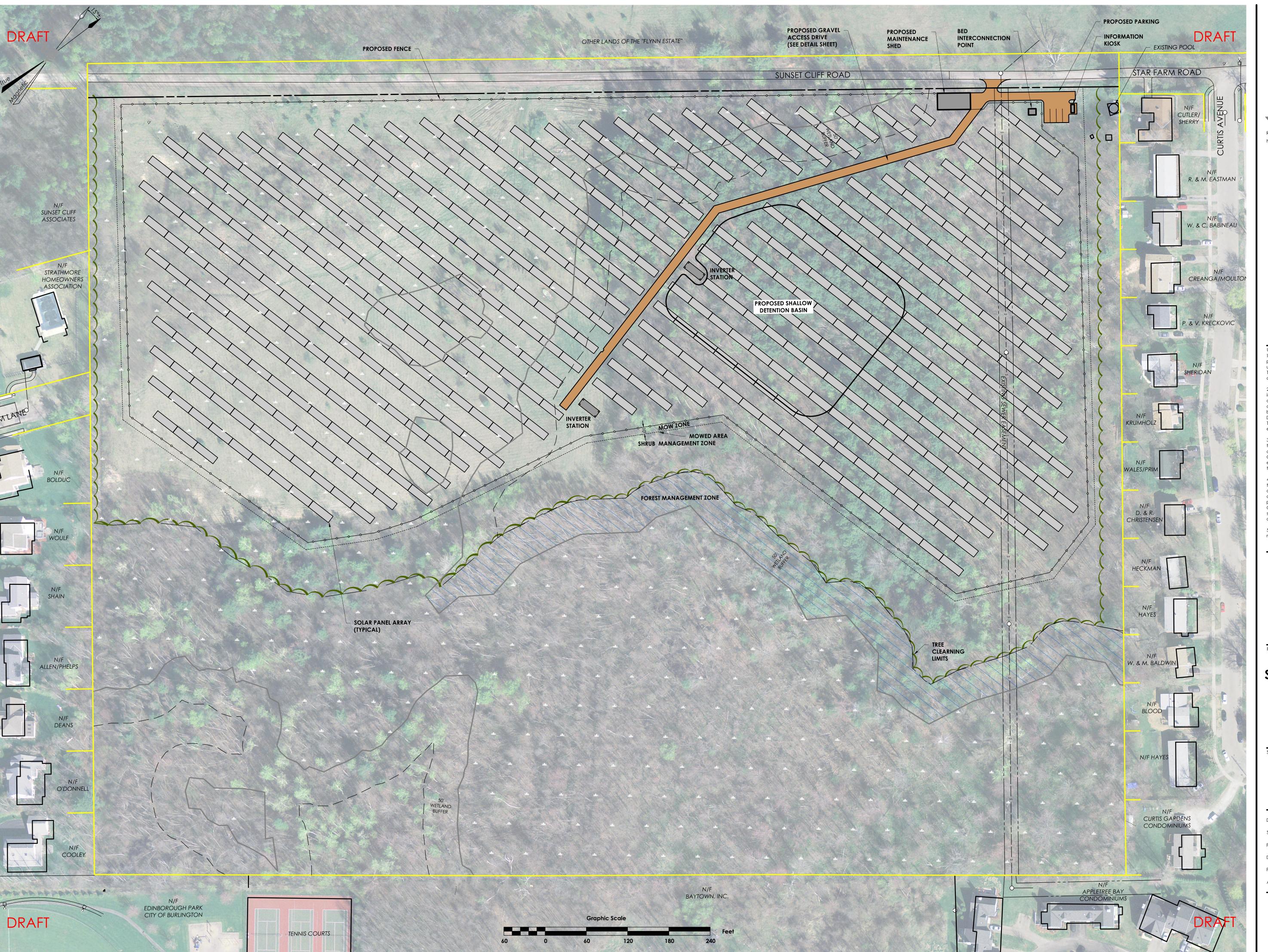
5. It is the User's responsibility to ensure this copy contains the most current revisions.



South Forty Solar Farm Sunset Cliff Road Burlington, Vermont

Existing Conditions

Date:	02/24/2014
Scale:	1" = 60'
Project Number:	13-113
Drawn By:	RMP
Project Engineer:	JMM
Approved By:	





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Revisions

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Project Title

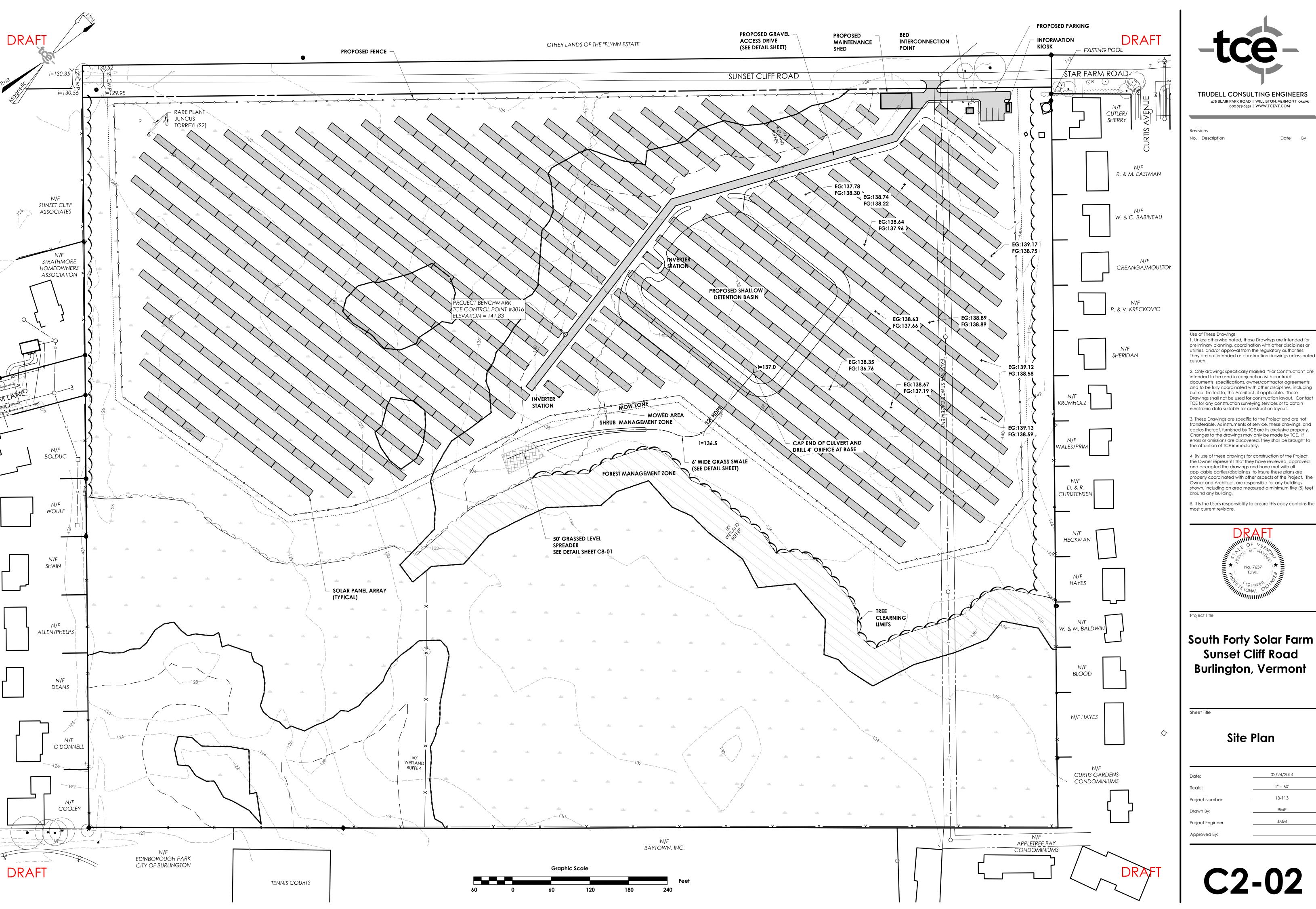
South Forty Solar Farm Sunset Cliff Road Burlington, Vermont

Shoot Titlo

Overall Site Plan

Date:	02/24/2014
Scale:	1" = 60'
Project Number:	13-113
Drawn By:	RMP
Project Engineer:	JMM
Approved By:	

C2-01





No. Description Date By

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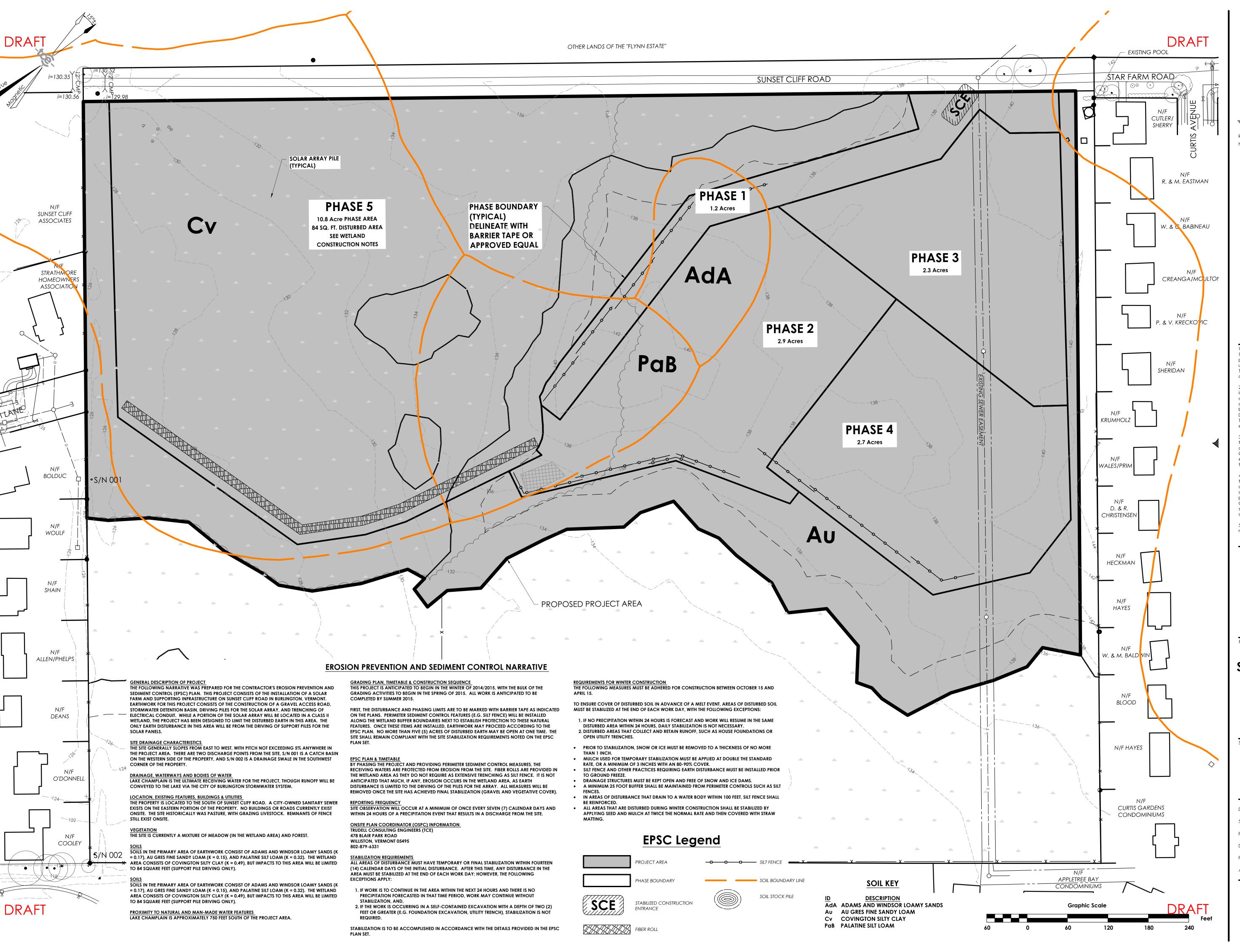
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South Forty Solar Farm Sunset Cliff Road Burlington, Vermont

Site Plan

Date:	02/24/2014
Scale:	1" = 60'
Project Number:	13-113
Drawn By:	RMP
Project Engineer:	JMM
Approved By:	



No. Description

Date

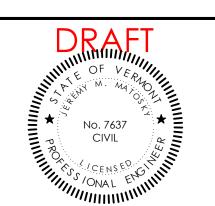
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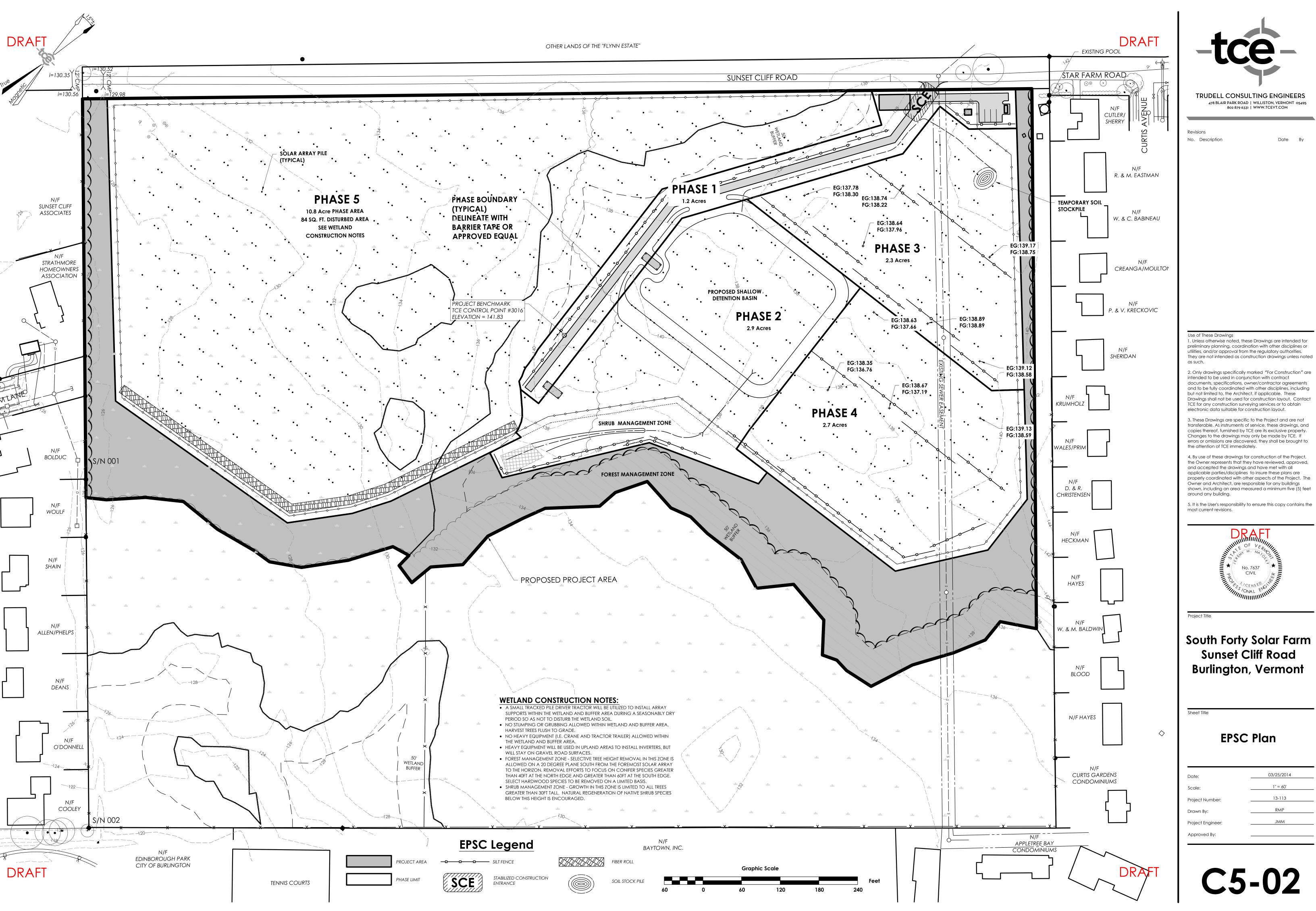
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South Forty Solar Farm **Sunset Cliff Road** Burlington, Vermont

Pre-Construction Plan

Date:	03/25/2014
Scale:	1" = 60'
Project Number:	13-113
Drawn By:	RMP
Project Engineer:	JMM
Approved By:	





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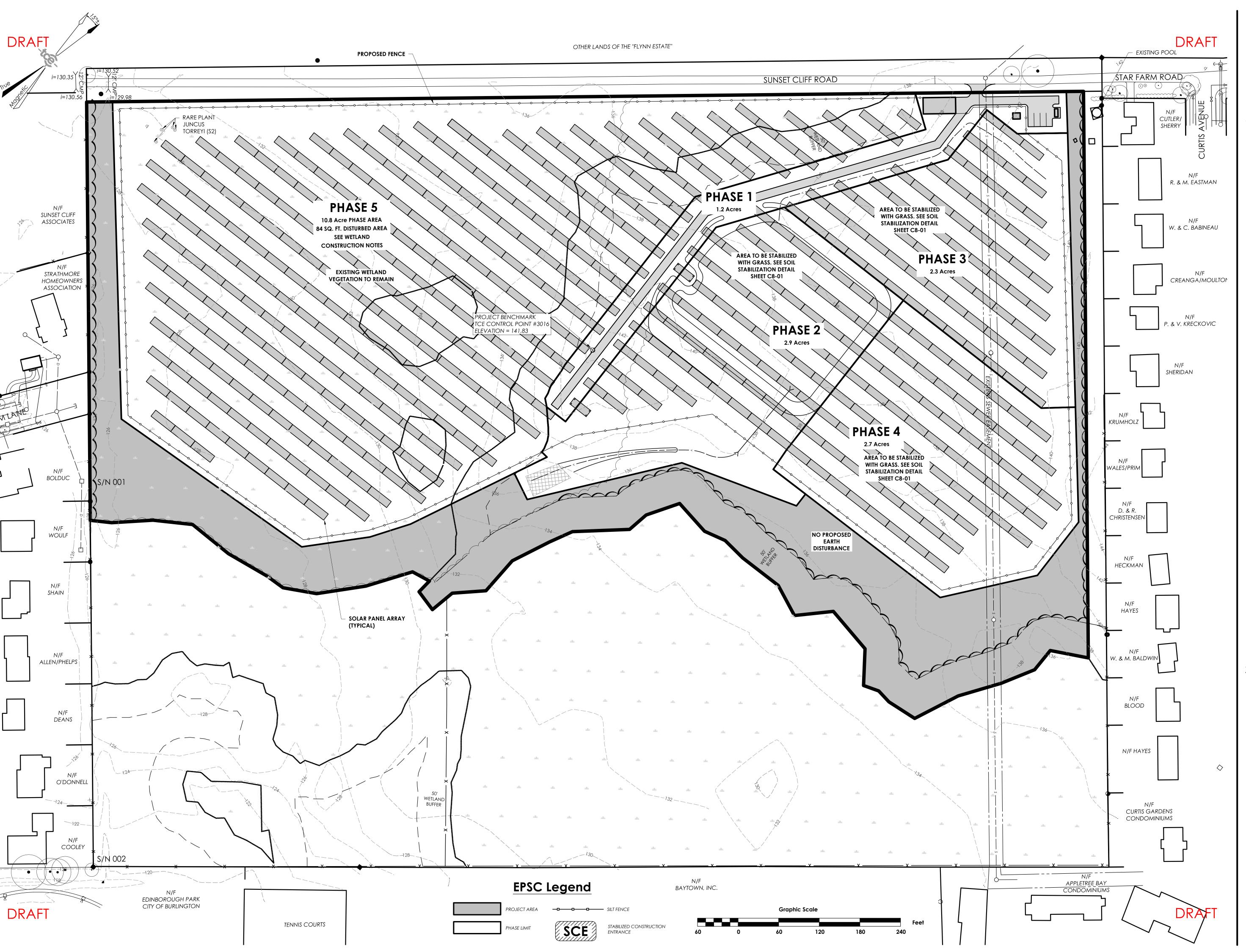
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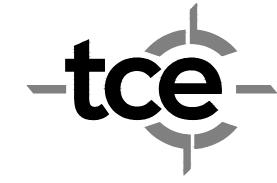


South Forty Solar Farm Sunset Cliff Road Burlington, Vermont

EPSC Plan

Date:	03/25/2014
Scale:	1" = 60'
Project Number:	13-113
Drawn By:	RMP
Project Engineer:	JMM
Approved By:	





ovisions

Revisions

No. Description

Date By

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South Forty Solar Farm Sunset Cliff Road Burlington, Vermont

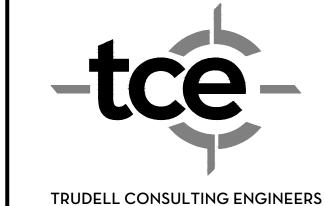
neet Title

Stabilization Plan

Date:	03/25/2014
Scale:	1" = 60'
Project Number:	13-113
Drawn By:	RMP
Project Engineer:	JMM
Approved By:	

C5-03





478 BLAIR PARK ROAD | WILLISTON, VERMONT 05495 802 879 6331 | WWW.TCEVT.COM

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South Forty Solar

Sunset Cliff Road

Burlington, Vermont

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electronic data suitable for construction layout.

the attention of TCE immediately.

around any building.

most current revisions.

utilities, and/or approval from the regulatory authorities.

No. Description Date

SEED MIX: SEED MIX #1, SEE SEEDING NORTH AMERICAN GREEN \$150BN ----SPECIFICATIONS, THIS SHEET EROSION CONTROL BLANKET. INSTALL IN ACCORDANCE WITH MANUFACTURER MULCH APPLICATION RATE: 1.5" THICK MIN. DOCUMENTS <u>ON TOP OF</u> EPSC SEED MIX REQUIRED ON ALL SLOPES STEEPER THAN 3:1 AND FLATTER THAN 2:1 TRACK FINAL GRADED AREA PRIOR TO PLACEMENT OF SEED MULCH/MATTING STRAW MULCH FOR SLOPES EQUAL TO OR LESS STEEP 1. SOIL SURFACE AND FILL COMPONENTS MUST NOT BE FROZEN WHEN PLACED. 2. SLOPES STEEPER THAN 2:1 MUST BE MECHANICALLY STABILIZED WITH A RETAINING

THE SEED MIX SPECIFIED BELOW IS FOR ALL AREAS THAT ARE STABILIZED TEMPORARILY PER THIS DETAIL DURING CONSTRUCTION. FOR ALL AREAS WITH FINAL GRADE AND TOPSOIL ESTABLISHED REFER TO THE "FINAL SEEDING SPECIFICATIONS" FOR SEEDING REQUIREMENTS

. SEED MIX: 30% RED FESCUE 30% ANNUAL RYEGRASS 30% PERENNIAL RYEGRASS 10% TALL FESCUE (*or APPROVED EQUIVALENT)

2. APPLICATION RATE: 60lb/acre (1.4 lb/1000 s.f.) 3. MULCH APPLICATION RATE: 1.5" THICK MINIMUM

90-100% COVERAGE

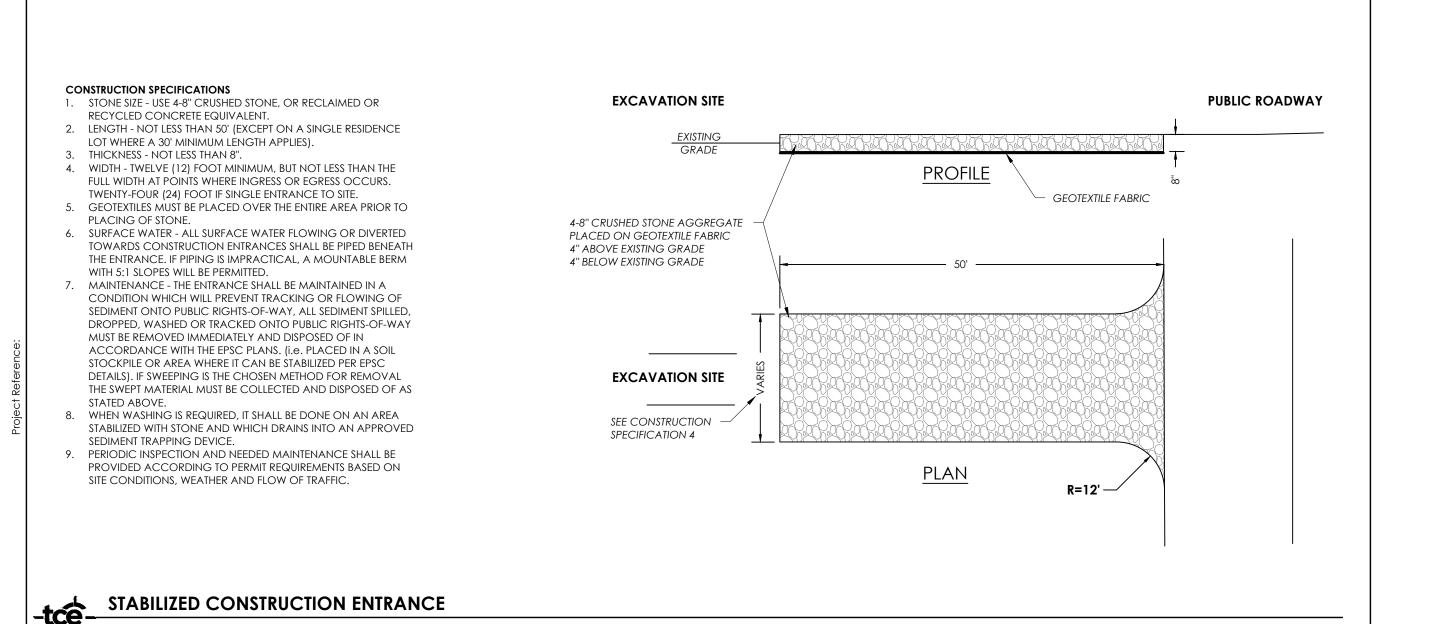
STRUCTURE OR APPROPRIATE GEOTEXTILE (AS SPECIFIED BY ENGINEER). 3. STRAW MULCH or EROSION CONTROL BLANKET

CAN BE USED ON AREAS WITH SLOPES EQUAL TO

OR LESS STEEP THAN 3:1. 4. HAY MULCH SHALL CONSIST OF MOWED AND PROPERLY CURED STEMS OF CEREAL GRAINS (WHEAT, OATS, BUCKWHEAT, ETC.) REASONABLY FREE OF WEEDS, TWIGS, DEBRIS OR OTHER OBJECTIONABLE MATERIAL. IT SHALL BE FREE FROM ROT OR MOLD AND SHALL BE ACCEPTABLE TO THE

5. BANKS, SWALES OR OTHER GRADED AREAS THAT HAVE BEEN WASHED OUT OR HAVE BECOME DAMAGED SHALL BE REPAIRED IMMEDIATELY.

TYPICAL SOIL STABILIZATION DETAIL



LAST REVISED 3/11/2013

Soil Stockpile

Maintain Vegetated Cover

1. INSTALL SILT FENCE ALONG CONTOUR ON

AND AREA IS STABILIZED.

REQUIRED AT ALL TIMES

DOWNSLOPE SIDE OF STOCKPILE. COMPLETELY

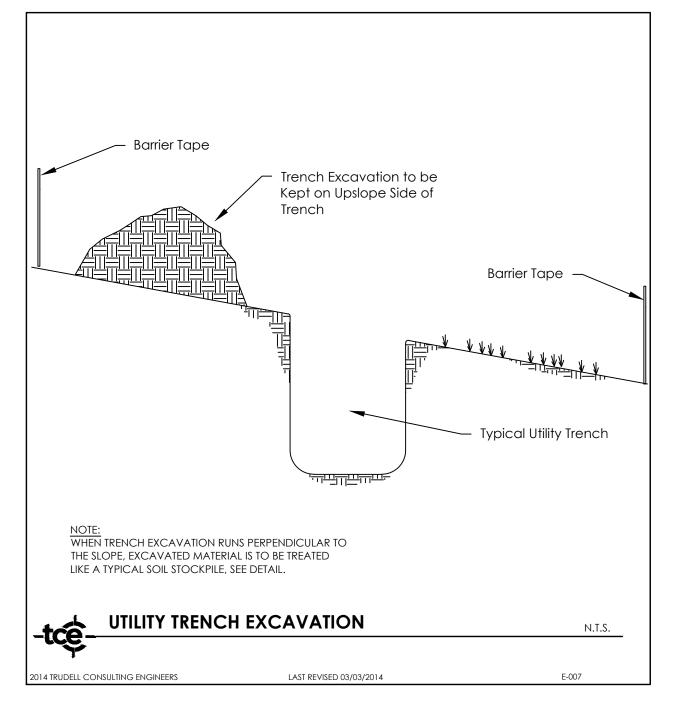
REMAIN IN PLACE UNTIL MATERIAL IS REMOVED

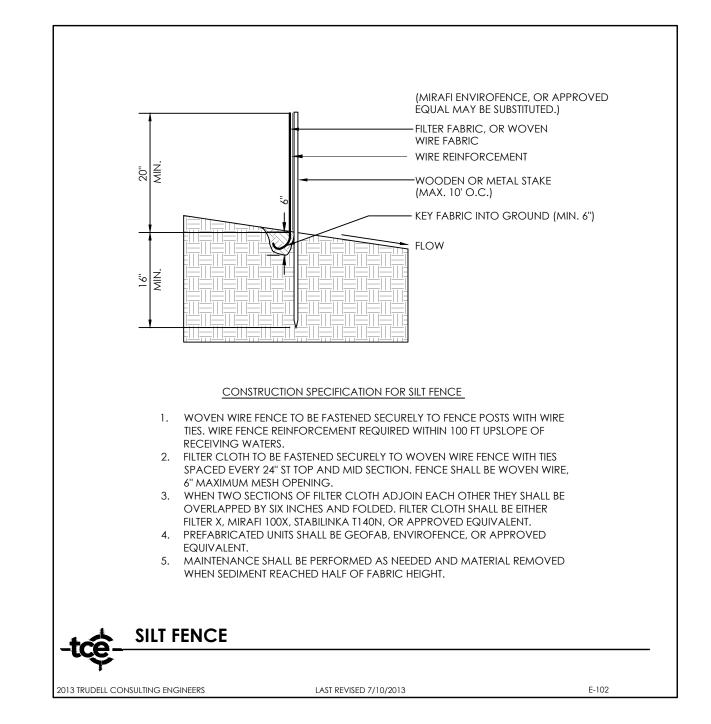
2. A MINIMUM OF 5' SEPARATION BETWEEN THE TOE

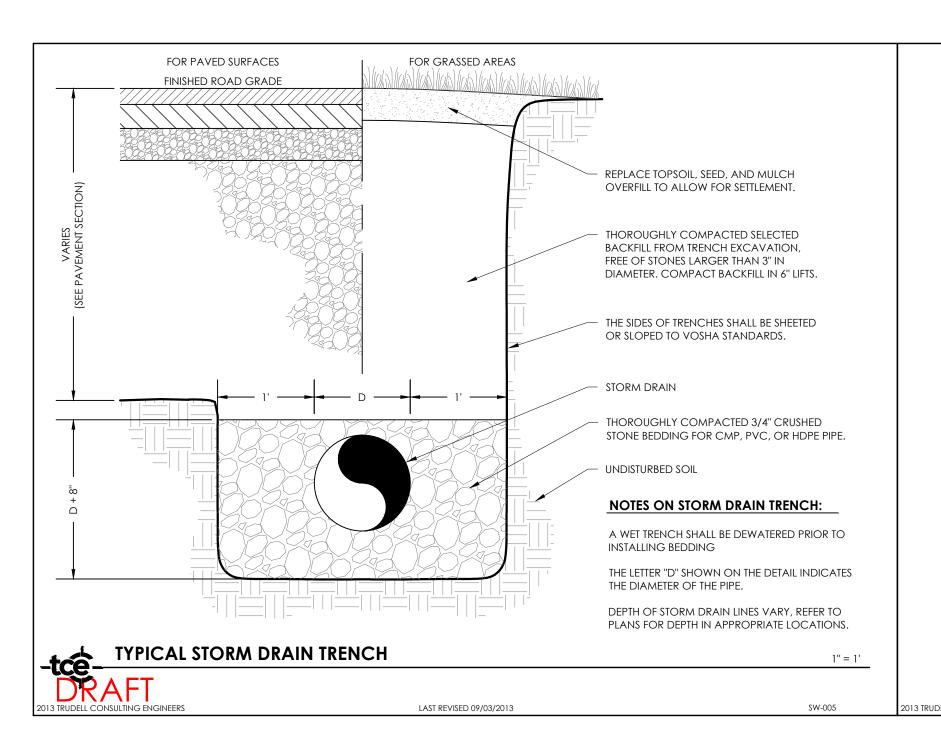
OF THE STOCKPILE SLOPE AND THE SILT FENCE IS

ENCLOSE STOCKPILE ON FLAT SITES. SILT FENCE TO

5' to 10' Silt Fence





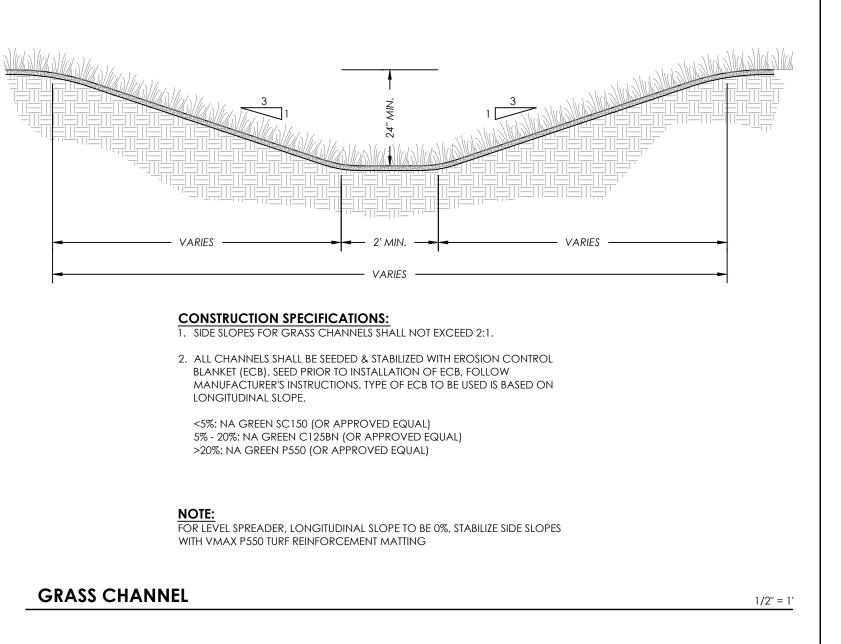


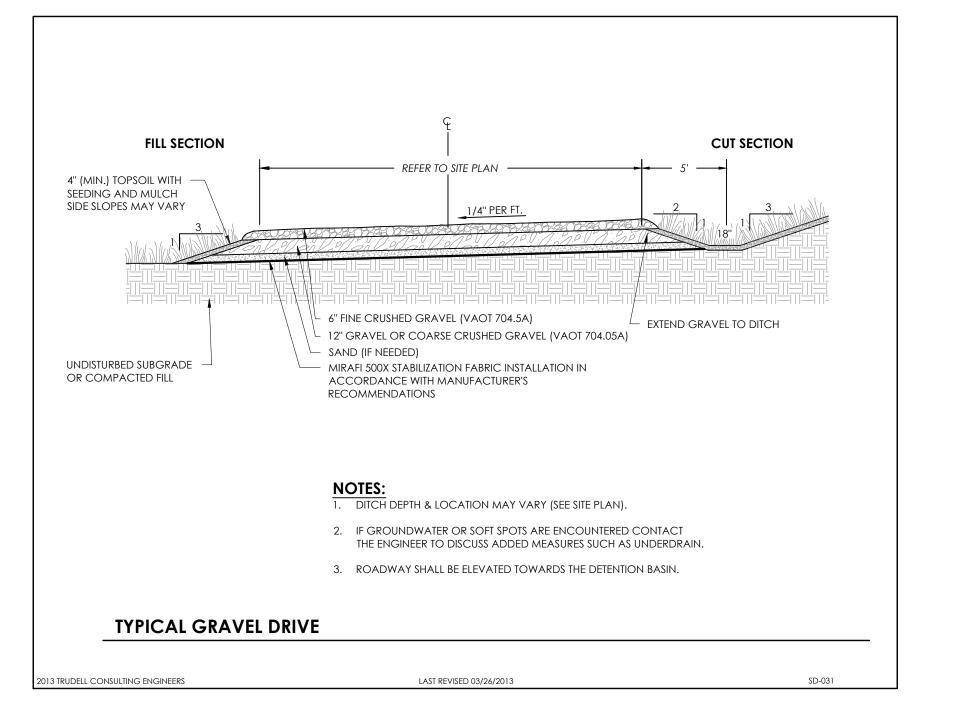
DRAFT

5' to 10'

Silt Fence

TEMPORARY SOIL STOCKPILE EROSION PROTECTION





Typical Details

03/25/2014 Scale: Project Number: Drawn By: Project Engineer

DRAFT